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W Piekarski, BH Thomas - 5th Int'l Symposium on Wearable Computers, 2001 - doi.ieeeecs.org

... The renderer reads a custom **model** format that ... Traditionally, navigation on a **planet** wide scale is ... other specialised areas, ECEF coordinates (**Earth** centred XYZ ...

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... Living in **Augmented Reality**: Ubiquitous Media and Reactive ... in an Agrometeorological **Model**", Proceedings of ... Exploring Our Home **Planet: Earth** Science Enterprise ...

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JA Barcelo - INTERNATIONAL JOURNAL OF MODERN PHYSICS C, 2001 - worldscinet.com

... a stone, an atom, a wind, a **planet**, a house ... or a physiologist have to create a **model** of an ... because archaeological data are hidden under the **earth**, but because ...

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M Tuters - Proceedings of the Seventh International Conference on ..., 2001 - doi.ieeeecs.org

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B Leibe, T Starner, W Ribarsky, Z Wartell, D Krum, ... - Proceedings of the IEEE Virtual Reality 2000 Conference, 2000 - doi.ieeeecs.org

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K Grønbaek, PP Vestergaard, P Ørbæk - Proceedings of the thirteenth ACM conference on Hypertext ..., 2002 - portal.acm.org

... consists of a number of satellites in low **earth** orbit sending ... a city, a landscape, a country, a **planet**, or the ... as layers on top of a background **model** or map. ...

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DIS Zlatanova - GIST Report, 2002 - gdmc.nl

... **Augmented Reality** Technology It should be noted that the **model** may be an abstraction  
of the real physical world (3D **model** of a town, Figure 1-5), or a ...

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H Kato, M Billinghurst - ... 2nd IEEE and ACM International Workshop on **Augmented Reality**, 1999 - doi.ieeecomputersociety.org

... **worlds**. An alternative approach is through **Augmented Reality** (AR), the overlaying of **virtual** objects onto the **real world**. In the ...

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M Billinghurst, H Kato, I Poupyrev - IEEE COMPUTER GRAPHICS AND APPLICATIONS, 2001 - doi.ieeecomputersociety.org

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S Feiner, B Macintyre, D Seligmann - Communications of the ACM, 1993 - portal.acm.org

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... most **virtual** environments, in which a **virtual world** replaces the **real world**, in **augmented reality** a **virtual world** supplements the **real world** with additional ...

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... Some **augmented reality** researchers have borrowed this "**virtual reality**" technology in order to augment the user's interactions with the **real-world**. ...

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**Recent advances in augmented reality**

R Azuma, Y Baillot, R Behringer, S Feiner, S ... - Computer Graphics and Applications, IEEE, 2001 - ieeexplore.ieee.org

What is **augmented reality**? An AR system supplements the **real world** with **virtual** (computer-generated) objects that appear to coexist in the same space as the ...

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... But In **augmented reality**, fMng is not a valid means of locomotion. The **virtual** objects must remain registered with the **real world**. ...

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Exploring MARS: developing indoor and outdoor user interfaces to a mobile **augmented reality** system - •columbia.edu

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T Höllerer, S Feiner, T Terauchi, G Rashid, D ... - Computers & Graphics, 1999 - Elsevier

... us to link electronic data to actual physical locations, thereby augmenting the **real world** with a layer of **virtual** in- formation. **Augmented reality** [2] is ...

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... is not some direct representation of a **real** scene, but rather a **virtual world**, one that ... used above in support of the term **Augmented Reality**, we therefore ...

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wave since the **laser beam** propagates for most of its path through space, .... We **model intensity** modulation/direct detection (IM/DD) on-off keying (OOK) link. .... as a function of the height above sea level for four turbulence **strength** ...

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KJ Molnar, PW Dent - US Patent 6,684,071, 2004 - freepatentsonline.com

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Field **strength** prediction behind lossy dielectric obstacles byusing the UTD

GAJ Van Dooren, M Herben - Electronics Letters, 1993 - ieeexplore.ieee.org

... Bragg mirror grown by chemical **beam** epitaxy', Appl. ... it is demonstrated that the extended UTD **model** is accurate ... and planning of **land** mobile **satellite** systems [SI ...

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The Forward Observer Personal Computer Simulator (FOPCSim) 2 SEP 2005 123 pages

J McDonough, M Strom - stormingmedia.us

... Surfaces for the Dynamic Biomechanical **Model** of Human Load ... of a newly deployed, **satellite**-borne radiometer ... An Observing System **Simulation** Experiment for Hydros ...

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C Agarwal, Northeastern Research Station, United ... - 2002 - hero.geog.psu.edu

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A Roesch, E Roeckner - Journal of Climate, 2006 - mpimet.mpg.de  
... into account the above mentioned uncertainties in **satellite** ... are also generally found in the **model simulation**. ... the snow line in the observation and **simulation**. ...  
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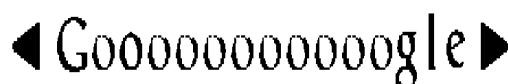
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DL Overman, JL Beard, G Lohmann, DW Hunter - stormingmedia.us  
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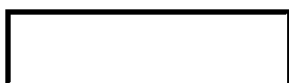
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Recreate realistic **satellite** link conditions - delay, jitter, loss  
[www.itrinegy.com](http://www.itrinegy.com)

2. [Video: \*\*Satellite\*\* Shoot-Down, Simulated \(Updated\) | Danger Room ...](#)

Not every element of this particular **model** is hyper-realistic, however. ... [UPDATE: A new video, featured above, now has the **missile** launching from the proper place. ... Still, this is about as realistic a **simulation** you're going to see. ...

**Satellite** Shoot-Down Set: Intercept Near Hawaii; Debris **Cloud** Over Canada ...

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3. [\[PDF\] Boost-Phase Intercept Systems for National \*\*Missile\*\* Defense](#)

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6.4 Sizing the SBI **Satellite**: Kill Vehicle, Interceptor, and Life Jacket . .... the liquid-propellant **missile** ICBM **model** L launched from North Korea . .... 12.11 **Simulation** of the endgame for an 8-g lunge by the target **missile** one second ..... "The ballistic **missile threat** to the United States," speech by the ...

[www.missilethreat.com/repository/doclib/20030700-APSSG-bpi.pdf](http://www.missilethreat.com/repository/doclib/20030700-APSSG-bpi.pdf) - [Similar pages](#)

4. [Commission to Assess the Ballistic \*\*Missile Threat\*\*](#)

The Commission examined the ballistic **missile threat** posed to the 50 .... With regard to Russia, the principal **cloud** over the future is lingering ..... Their ballistic **missile** programs often do not follow a single, known pattern or

**model**, .... positioning system/global navigation **satellite** system (GPS/GLONASS) to ...

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6. [Missile Nonproliferation and \*\*Missile\*\* Defense: Fitting Them ...](#)

Few **missile** proliferators have successfully placed a **satellite** in orbit. ... to the **threat cloud**, and they must hold these positions in flight. ... Although computer **simulation** and ground testing will be helpful, .... 7. "Japanese Official Warns of Chinese **Missile Threat**," Global Security Newswire, July 16, 2007. ...

[www.armscontrol.org/act/2007\\_11/Speier](http://www.armscontrol.org/act/2007_11/Speier) - 38k - [Cached](#) - [Similar pages](#)

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[www.aaafasso.fr/DOSSIERSAAAF/ACTES\\_COLLOQ.LIBRES/ActColloq.06/MissDef.06/papers/35\\_11\\_42.swf](http://www.aaafasso.fr/DOSSIERSAAAF/ACTES_COLLOQ.LIBRES/ActColloq.06/MissDef.06/papers/35_11_42.swf)

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8. [Symposium on the Sustainability of Space Technology & Resources ...](#)

May 31, 2005 ... This talk will introduce the content on space-based **missile** ... The accuracy of orbit determination, prediction and maneuver of debris **cloud** is also considered. ... Chen Shenyang: A Review of Research on Orbital Debris **Simulation** Software ... as anti-**satellite** weapons the most commonly cited **threat**. ...

[www.ucsusa.org/nuclear\\_weapons\\_and\\_global\\_security/international\\_information/us\\_china.../symposium-on-the.html](http://www.ucsusa.org/nuclear_weapons_and_global_security/international_information/us_china.../symposium-on-the.html)

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9. [Space-Based Systems for \*\*Missile\*\* Surveillance](#)

The costs associated with the deployment of a surveillance **satellite** are closely ... The **simulation** capability was also used during the 1994 Surveillance Summer ... with a field of regard to cover the anticipated **threat** areas, for example, .... Aerospace uses a global **cloud** statistical **model** that is based on the ...

[www.aero.org/publications/crosslink/winter2001/05.html](http://www.aero.org/publications/crosslink/winter2001/05.html) - 56k - [Cached](#) - [Similar pages](#)

10. [Propulsion, Engines and Missiles: Antimissile Defense Systems ...](#)

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- 2001

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R Eschenbach - US Patent 6,124,825, 2000 - Google Patents

 ... computer generated symbology, thus, the term "**augmented reality**". ... The **orbiting** GPS satellites 201 each broadcast ... MHz, with the **satellite** ephemeris (positioning ...

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RL Williams, JD Ianni, D Reppeger, RW Baker - 1999 - Storming Media

 ... Workshop on **Augmented Reality**), San Francisco, CA, October 20-21, 1999, pp. ... The Ranger Telerobotic Shuttle Experiment: An On-orbit **Satellite** Servicer," in ...

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GA VanSlambrook - 1997 - infoserve.sandia.gov

 ... An **augmented reality** system is a combination of the two - a real ... **Satellite orbit** dynamics, sensor coverage planning, state-of-health monitoring, and robotic ...

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 D Strieker, D Reiners - Fundamentals of Wearable Computers and **Augmented Reality**, 2001 - books.google.com

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### The LEDA mission: Exploration opportunities prompted by a return to the Moon

M Novara, D Kassing - Advances in Space Research, 1997 - Elsevier

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D Salber, AK Dey, GD Abowd - Georgia Tech GVU Technical Report GIT-GVU-98-01, 1998 - daniel.salber.name

 ... Esposito, 1997) which combines wearable computing and **augmented reality** falls in the ... It is not clear if low-earth **orbit** (LEO) **satellite**-based communications ...

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Environmental information and technology: Is it all too much?

ID Bishop - Landscape and Urban Planning, 2000 - Elsevier

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C Wren, A Azarbajejani, T Darrell, A Pentland - IEEE Transactions on Pattern Analysis and Machine ..., 1997 - citeseer.comp.nus.edu.sg

... structurally meaningfuldescription of multi-spectral **satellite** (MSS) imagery ... and in the video/graphics compositing required for \b**augmented reality**" applications ...

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ongoing research projects on **augmented-reality interaction**. 2. Personal Positioning. The position and orientation of **users** are one of the most ...

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10. [Lunar Surface Navigation](#)

We developed a lunar surface navigation system that uses **augmented reality** (AR) technology to enable **users** to explore the Apollo 17 landing site. ...

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